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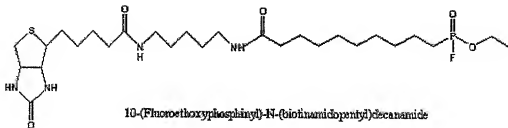
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- (71) Applicant (for all designated States except US): **INTEGRIGEN, INC.** [US/US]; 42 Digital Drive, Unit 6, Novato, CA 94949 (US).
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): **SMIDER, Vaughn** [US/US]; 3517 McSherry Way, Alameda, CA 94502 (US). **HERIOT, William** [US/US]; 364 Sunset Parkway, Novato, CA 94949 (US).
- (74) Agents: **JENKINS, Kenneth, E.** et al.; Townsend and Townsend and Crew, LLP, 12730 High Bluff Drive, Suite 400, San Diego, CA 92130 (US).
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(54) Title: HALOGEN PHOSPHONATE MONOESTERS



10-(Phoroethoxyphosphinyl)-N-(biotinamidopentyl)decanamide

(57) Abstract: The present invention relates to detection, immobilization, and production of proteolytic antibodies using halogen phosphonate monoester probes, immobilizins reagents, and antigen conjugates.